

Electronic Acknowledgement Receipt

EFS ID:	6255551
Application Number:	10564580
International Application Number:	
Confirmation Number:	2018
Title of Invention:	Elevated Hedgehog Pathway Activity In Digestive System Tumors, And Methods Of Treating Digestive System Tumors Having Elevated Hedgehog Pathway Activity
First Named Inventor/Applicant Name:	Philip A. Beachy
Customer Number:	28213
Filer:	Lisa A. Haile/Sara Hare
Filer Authorized By:	Lisa A. Haile
Attorney Docket Number:	JHU2010-1
Receipt Date:	13-OCT-2009
Filing Date:	20-DEC-2007
Time Stamp:	18:15:39
Application Type:	U.S. National Stage under 35 USC 371

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 284
RAM confirmation Number	5260
Deposit Account	071896
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. 1.492 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		Response_IDS.pdf	950497	yes	22
			4c623d1e5b3f7b70f8370d9d96350826d5d6b967		
	Multipart Description/PDF files in .zip description				
	Document Description		Start		End
	Amendment/Req. Reconsideration-After Non-Final Reject		1		1
	Claims		2		10
	Applicant Arguments/Remarks Made in an Amendment		11		16
	Transmittal Letter		17		18
	Information Disclosure Statement (IDS) Filed (SB/08)		19		22
Warnings:					
Information:					
2	Foreign Reference	95018856.pdf	11739731	no	210
			58966687b6109081257a2feabe9b12ad30398b69		
Warnings:					
Information:					
3	Foreign Reference	96017924.pdf	5475347	no	136
			decf5748573de20a2c0d93f4415ee92b702bd469		
Warnings:					
Information:					
4	NPL Documents	Bale_2001_The_Hedgehog.pdf	628140	no	6
			872e4151e4cdf3e6c5c6db564e73f7e08190de0d		
Warnings:					
Information:					
5	NPL Documents	Bellusci_1997_Involvement.pdf	2073395	no	11
			875524e0524625296da048c708216b1da03b87f0		
Warnings:					
Information:					

6	NPL Documents	Berman_2002_Medulloblastoma_Growth.pdf	290542	no	3
			336ff025fac1fe9da2f6501d22858f8b80186f		
Warnings:					
Information:					
7	NPL Documents	Borges_1997_An_Achaete.pdf	1320397	no	4
			0d6c812ff12b9993b4c573124ca7837f015535c5		
Warnings:					
Information:					
8	NPL Documents	Chen_2002_Inhibition_of_Hedgehog.pdf	234465	no	6
			4745f9df2d8a80f16e071d6e6310d9bd2d907874		
Warnings:					
Information:					
9	NPL Documents	CHEN_2002_Small_Molecule.pdf	308436	no	6
			04efb5044cabe130bff5bc3d73338f823e7ed248		
Warnings:					
Information:					
10	NPL Documents	Cooper_1998_Teratogen.pdf	927425	no	5
			b50aec17856c6f6286966fd89c40565c10ddf36		
Warnings:					
Information:					
11	NPL Documents	Cooper_2003_A_Defective_Response_corrigendum.pdf	199279	no	1
			a73fc90d4fa92fd368641b18251ac3c69f01b512		
Warnings:					
Information:					
12	NPL Documents	Cooper_2003_A_Defective_Response.pdf	912170	no	6
			64f28e25f9f771c5d9a2d6524fe3412c46fc0e88		
Warnings:					
Information:					
13	NPL Documents	Ericson_1996_Two_Critical.pdf	640307	no	13
			64d2cc85df0699965e1d0b7c6b4b70f0544f7e8f		
Warnings:					
Information:					
14	NPL Documents	Freestone_2003_Sonic_Hedgehog.pdf	807305	no	11
			07a17923487eb22f4fb8c5d11998d4f25256ce50		
Warnings:					
Information:					

15	NPL Documents	Fujita_1997_Involvement_of.pdf	1698565	no	7
			49ade5558a8a86dc82c361b4197dbb0b1cc85427		
Warnings:					
Information:					
16	NPL Documents	Goodrich_1997_Altered_Neural.pdf	1323638	no	5
			372eeeb39540e65790cf494f48c15f2bd76e5ee0		
Warnings:					
Information:					
17	NPL Documents	Incardona_1998_The_Teratogenic.pdf	307605	no	10
			ffb4428458dbdcb469379959008ad6a654ce953b		
Warnings:					
Information:					
18	NPL Documents	Karhadkar_Hedgehog_Signaling_2004.pdf	939238	no	6
			a3ba51e25cb1db1e409e82739095ba38fc233673		
Warnings:					
Information:					
19	NPL Documents	Kenney_2000_Sonic_Hedgehog.pdf	543813	no	13
			e1de67744266f52d8552a3ab774c656705ab6e25		
Warnings:					
Information:					
20	NPL Documents	Lamm_2002_Sonic_Hedgehog.pdf	2335223	no	18
			ec9aba74fd93f809756f9325057b71c8fef4bb04b		
Warnings:					
Information:					
21	NPL Documents	Litingtung_1998_Sonic.pdf	887534	no	4
			fd9b636262a69c63129c9e6b7ff5032555e1d141		
Warnings:					
Information:					
22	NPL Documents	Lum_2004_The_Hedgehog_Response.pdf	361644	no	5
			9b5f1e1f947a2f0fe9b1be2d503f5af7ac7da0d9		
Warnings:					
Information:					
23	NPL Documents	Mann_2004_Novel_Lipid.pdf	1184872	no	35
			9081f14e1314f33c9a7f672c3d861a5db45bbab33		
Warnings:					
Information:					

24	NPL Documents	Pepicelli_1998_Sonic_Hedgehog.pdf	521383	no	4
			70d6ced9355e42eee85869c18efe1b68e87d1deb		
Warnings:					
Information:					
25	NPL Documents	Reya_2001_Stem_Cells.pdf	1248779	no	7
			24fe558b7da0c5ff2fbf4da84d81947cb81db751		
Warnings:					
Information:					
26	NPL Documents	RamalhoSantos_2000_Hedgehog_signals.pdf	792256	no	10
			39bcc943c8d7e7116d8176129742b31bb136011a		
Warnings:					
Information:					
27	NPL Documents	Roberts_1998_Epithelial.pdf	547017	no	11
			8ebc91e48b5b2053731a60c090ef8ba3db509664		
Warnings:					
Information:					
28	NPL Documents	Taipale_2000_Effects_of_Onco-genic.pdf	294820	no	6
			064ff8ca450b0ce8c776d8395201839a1b55c703		
Warnings:					
Information:					
29	NPL Documents	Taipale_2001_The_Hedgehog.pdf	1022830	no	6
			f63b6628e65b555b72f4678f6d5d528206e1ee17		
Warnings:					
Information:					
30	NPL Documents	Taipale_2002_Patched_Acts.pdf	804859	no	6
			8b296e7f9b77f4a62835c697efcf2bb4cac9451e		
Warnings:					
Information:					
31	NPL Documents	Thayer_2003_Hedgehog.pdf	542552	no	6
			9bab002d31f2993c02dc48d8e1ebd814c07cb742		
Warnings:					
Information:					
32	NPL Documents	Wang_2000_Conditional.pdf	1395853	no	8
			6799d2cf0f136959b6b8fe73c26c438b78467043		
Warnings:					
Information:					

33	NPL Documents	Watkins_2003_Hedeghog_Signaling_Cell_Cycle.pdf	334572	no	3
			a322661dbfbcd5f0c58a7b2f3481cf4a969fc7aa		
Warnings:					
Information:					
34	NPL Documents	Watkins_2003_Hedgehog_Signaling_Within.pdf	852134	no	5
			8c5de2857ab78cbe21aebfe50afb1aef4ccb34a		
Warnings:					
Information:					
35	NPL Documents	Wechsler_Reya_2001_The_Developmental.pdf	544562	no	46
			ae19dc94779353a53cefb7c1ccadce3fe6e534c6		
Warnings:					
Information:					
36	NPL Documents	Zhang_2008_Synthesis_and_Anticancer.pdf	405729	no	5
			2462c77aa6870d4c71481e5078a6b1dc6dff9f2		
Warnings:					
Information:					
37	Fee Worksheet (PTO-875)	fee-info.pdf	32085	no	2
			1c60b8d1b7d5331cb27f43ede56a621524717ec1		
Warnings:					
Information:					
Total Files Size (in bytes):			45428999		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.